ABSTRACT:

An inject-eject lever latch mountable to the outside edge of a PC board to rotate relative thereto for assistance with board insertion and board pull-out, and for engaging and disengaging with a chassis mounted keeper, includes a projecting pawl which engages different faces of a cavity-type keeper during phases of its operation. The lever has a spring-biased lockout which when engaged holds the lever in a locked-down position against the board with the pawl fully engaged with the keeper upward wall thereby fully locking the board into position on a chassis. A manually operated release disengages the lockout function and causes the lever to automatically rotate partially outwardly from the board, which action also causes the pawl to move toward the keeper bottom wall. In a first aspect of the invention, a catch which includes at least one projecting foot to act as the pawl is carried on the lever for transverse movement relative thereto. The catch release is affected by manually pushing against the catch which acts as a button release. In a second aspect of the invention, the catch is mounted to the lever for sliding movement thereto. The catch release is affected by manually sliding the keeper and its projecting footed pawl out of position from the keeper in a direction along the lever. In a third aspect of the invention a catch is mounted to the lever which lever utilizes its front end as the pawl. A cantilevered flexible tab on the catch includes an operator button where the free end of the tab interferes with an adjacent facing edge on the lever creating an interference pinch point. Manually depressing the button releases the pinch point and the lever is free to rotate. In each aspect of the invention spring biasing causes the lever to initially rotate away from the PC board edge.